New Hampshire

Science and Engineering Profile

Characteristic	State	U.S.	Rank	Characteristic	State	U.S.	Rank
Doctoral scientists, 1999[1]	2,020	518,670	43	Total R&D performance, 1998 (millions)	$1,340	$214,668	32
Doctoral engineers, 1999[1]	590	107,100	34	Industry R&D, 1998 (millions)	$1,187	$163,480	29
S&E doctorates awarded, 1999[1]	78	25,953	41	Academic R&D, 1998 (millions)	$117	$25,342	38
of which, in life sciences	40%	25%		of which, in life sciences	53%	57%	
in physical sciences	18%	14%		in environmental sciences	23%	6%	
in engineering	14%	21%		in engineering	11%	16%	
S&E postdoctorates, 1998[1]				Public higher education current-fund			
in doctorate-granting institutions	87	39,494	41	expenditures, 1997 (millions)	$418	$125,236	46
S&E graduate students, 1998[1]				Number of SBIR awards, 1990-98	401	35,413	23
in doctorate-granting institutions	1,296	422,834	45	Patents issued to state residents, 1999	651	83,901	28
Population, 1999 (thousands)	1,201	276,580	42	Gross state product, 1998 (billions)	$41	$8,800	40
Civilian labor force, 1999 (thousands)	666	140,536	41	of which, agriculture	1%	1%	
				manufacturing, mining, construction	28%	22%	
Personal income per capita, 1999	$31,114	$28,542	9	transportation, communication, utilities	6%	9%	
				wholesale and retail trade	16%	16%	
Federal spending				finance, insurance, real estate	22%	19%	
Total expenditures, 1999 (millions)	$5,301	$1,508,933	46	services	19%	21%	
R&D obligations, 1998 (millions)	$269	$70,445	32	government	8%	12%	

NOTE: Rankings and totals are based on data for the 50 States, District of Columbia, and Puerto Rico. Reliability of the estimates of industry R&D and of doctoral scientists and engineers varies by State, because the sample allocation was not based on geography. The rankings do not take into account the margin of error of estimates from sample surveys.

[1]Data on graduate students, doctoral scientists and engineers, and postdoctorates include all graduate degree (except M.D.) candidates and recipients in S&E fields, including health fields. Data on S&E doctorates awarded do not include health fields.

Federal Obligations for Research and Development by Agency and Performer: Fiscal Year 1998

Agency	Performer							
	Total	Federal Intramural	All FFRDCs	Industrial firms	Universities & colleges	Other nonprofits	State & local government	State rank, total
	[In thousands of dollars]							
Total, all agencies	269,132	33,959	0	163,677	69,064	1,669	763	32
Department of Agriculture	4,673	2,562	0	0	2,109	2	0	48
Department of Commerce	7,824	5	0	1,705	6,114	0	0	18
Department of Defense	184,392	28,357	0	149,900	4,569	1,566	0	24
Department of Energy	670	0	0	0	670	0	0	47
Dept. of Health & Human Services	35,610	5	0	2,769	32,548	101	187	37
Department of the Interior	1,971	1,824	0	0	99	0	48	48
Department of Transportation	2,191	283	0	14	1,366	0	528	32
Environmental Protection Agency	889	0	0	0	889	0	0	41
National Aeronautics and Space Admin	18,349	350	0	8,477	9,522	0	0	24
National Science Foundation	12,563	573	0	812	11,178	0	0	36
State rank, total	32	38	na	22	34	45	50	na

NOTE: Federal R&D obligations are as reported by funding agencies. Ranks and totals are based on data for the 50 States, District of Columbia, and Puerto Rico.

KEY: FFRDC = federally funded research and development center; SBIR = small business innovation research; na = not applicable.

SOURCES: Prepared by the National Science Foundation/Division of Science Resources Studies. Data compiled from numerous sources -- see the section, "Data Sources for Science and Engineering (S&E) State Profiles".